WHAT IS CLAIMED IS:

1. A fuel injection valve for an internal combustion engine, comprising:

a valve body driven by a driving device between an open position and a closed position;

a fuel jet adjusting plate for atomizing fuel injected when the valve body assumes the open position;

a plurality of first nozzle holes formed in the fuel jet adjusting plate and arranged along a first circle coaxial with a central axis of the valve body; and

a plurality of second nozzle holes formed in the fuel jet adjusting plate and arranged along a second circle coaxial with the central axis, wherein a diameter of the second circle is larger than a diameter of the first circle, the second nozzle holes having an opening area smaller than an opening area of the first nozzle holes.

2. The fuel injection valve according to claim 1, wherein each of the first nozzle holes extends through the fuel jet adjusting plate along a respective first hole axis and wherein a first acute angle is formed between the first hole axes and a plane of the fuel jet adjusting plate, each of the second nozzle holes extending through the fuel jet adjusting plate along a respective second hole axis and wherein a second acute angle is formed between the second hole axes and the plane of the fuel jet adjusting plate, the first and second angles being different from each other.

3. The fuel injection valve according to claim 2, wherein the second acute angles are smaller than the first acute angles.